

## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/873,866	73,866 06/04/2001		Mark K. Hechinger	1007-103.US	4668
23390	7590	07/26/2005		EXAMINER	
COLIN P A			CHEU, CHANGHWA J		
5850 CANOGA AVENUE SUITE 400				ART UNIT	PAPER NUMBER
WOODLAND HILLS, CA 91367				1641	
	•			DATE MAILED: 07/26/2005	

Please find below and/or attached an Office communication concerning this application or proceeding.

Notice of Abandonment    09/873,866		Application No. Applicant(s)						
Examiner    Jacob Cheu			HECHINGER MARK K					
Jacob Cheu   Jacob Cheu Cheu Cheu Cheu Cheu Cheu   Jacob Cheu Cheu Cheu Cheu Cheu Cheu Cheu Cheu	Notice of Abandonment							
This application is abandoned in view of:  1. ☑ Applicant's failure to timely file a proper reply to the Office letter mailed on 03 December 2004  (a) ☐ A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply (including a total extension of time of month(s)) which expired on (b) ☐ A proposed reply was received on but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).  (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) ☑ No reply has been received.  2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85).  (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission date), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85).  (b) ☐ The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ The issue fee required by 37 CFR 1.18(d), is \$ The issue fee required by 37 CFR 1.18(d), is \$ The issue fee required by 37 CFR 1.18(d), is \$ The issue fee required by 37 CFR 1.18(d), is \$ The issue fee required by 37 CFR 1.18(d), is \$ The issue fee required by 37 CFR 1.18(e), is \$ The issue fee required by 37 CFR 1.18(e), is \$ The i								
This application is abandoned in view of:  1. ☑ Applicant's failure to timely file a proper reply to the Office letter mailed on 02 Decamber 2004.  (a) ☐ A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply (including a total extension of time of month(s)) which expired on (b) ☐ A proposed reply was received on but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection (A proper reply under 37 CFR 1.113 to a final rejection consists only of, (1) a timely filed amendment which places the application in condition for allowance (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).  (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) ☒ No reply has been received.  2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).  (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission date), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85).  (b) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (c) ☐ The issue fee and publication fee, if applicable, has not been received.  3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) ☐ Proposed corrected drawings were received on								
1. ☑ Applicant's failure to timely file a proper reply to the Office letter mailed on ② December 2004.  (a) ☐ A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply (including a total extension of time of morth(s)) which expired on total (a proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).  (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) ☒ No reply has been received.  2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85).  (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission date), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85).  (b) ☐ The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ The issue fee and publication fee, if applicable, has not been received.  3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) ☐ No corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of th	The MAILING DATE of this communication app	ears on the cover sheet with the c	orrespondence address					
(a) A reply was received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply (including a total extension of time of month(s)) which expired on, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).  (c) □ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. Sea 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) ☑ No reply has been received.  2. □ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three month from the mailing date of the Notice of Allowance (PTOL-85).  (a) □ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission date), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85).  (b) □ The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ The issue fee and publication fee, if applicable, has not been received.  3. □ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) □ PTO-937).  (b) □ No corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) □ No corrected drawings have been received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the peri	This application is abandoned in view of:							
(A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).  (c) ☐ A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the nonfinal rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) ☒ No reply has been received.  2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).  (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission date), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85).  (b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due.  The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) ☐ The issue fee and publication fee, if applicable, has not been received.  3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) ☐ No corrected drawings have been received.  □ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. ☐ The decisi	<ul><li>(a) ☐ A reply was received on (with a Certificate of N period for reply (including a total extension of time of)</li></ul>	failing or Transmission dated month(s)) which expired on	), which is after the expiration of the					
application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).  (c) A reply was received on but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the nonfinal rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) No reply has been received.  2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).  (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission date), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85).  (b) The submitted fee of \$ is insufficient. A balance of \$ is due.  The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$ (c) The issue fee and publication fee, if applicable, has not been received.  3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) No corrected drawings have been received.  4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired an								
final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).  (d) ⊠ No reply has been received.  2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).  (a) ☐ The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission date), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85).  (b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due.  The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$  (c) ☐ The issue fee and publication fee, if applicable, has not been received.  3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) ☐ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) ☐ No corrected drawings have been received.  4. ☐ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filling of a continuing application.  6. ☐ The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.	application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for							
2. Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).  (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission date), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85).  (b) The submitted fee of \$ is insufficient. A balance of \$ is due.								
from the mailing date of the Notice of Allowance (PTOL-85).  (a) The issue fee and publication fee, if applicable, was received on (with a Certificate of Mailing or Transmission date), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice Allowance (PTOL-85).  (b) The submitted fee of \$ is insufficient. A balance of \$ is due.  The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$  (c) The issue fee and publication fee, if applicable, has not been received.  3 Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) No corrected drawings have been received.  4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.	(d) ☑ No reply has been received.							
	· · ·							
The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$  (c) □ The issue fee and publication fee, if applicable, has not been received.  3□ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) □ Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) □ No corrected drawings have been received.  4. □ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. □ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. □ The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. □ The reason(s) below:	), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of							
(c)	(b) ☐ The submitted fee of \$ is insufficient. A balance of \$ is due.							
3. Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).  (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) No corrected drawings have been received.  4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. The reason(s) below:	The issue fee required by 37 CFR 1.18 is \$ 1	The issue fee required by 37 CFR 1.18 is \$ The publication fee, if required by 37 CFR 1.18(d), is \$						
Allowability (PTO-37).  (a) Proposed corrected drawings were received on (with a Certificate of Mailing or Transmission dated), which is after the expiration of the period for reply.  (b) No corrected drawings have been received.  4. The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. The reason(s) below:	(c) $\square$ The issue fee and publication fee, if applicable, has no	ot been received.						
after the expiration of the period for reply.  (b) \Boxed No corrected drawings have been received.  4. \Boxed The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.  5. \Boxed The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. \Boxed The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. \Boxed The reason(s) below:								
<ul> <li>4.  The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.</li> <li>5.  The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.</li> <li>6.  The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.</li> <li>7.  The reason(s) below:</li> <li>LONG V. LE SUPERVISORY PATENT EXAMINER</li> </ul>	<ul><li>(a) ☐ Proposed corrected drawings were received on</li><li>after the expiration of the period for reply.</li></ul>	(with a Certificate of Mailing or Tran	smission dated), which is					
the applicants.  5. The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.  6. The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.  7. The reason(s) below:  LONG V. LE SUPERVISORY PATENT EXAMINER	(b) ☐ No corrected drawings have been received.							
<ul> <li>1.34(a)) upon the filing of a continuing application.</li> <li>6.  The decision by the Board of Patent Appeals and Interference rendered on and because the period for seeking court review of the decision has expired and there are no allowed claims.</li> <li>7.  The reason(s) below:</li> <li>LONG V. LE SUPERVISORY PATENT EXAMINER</li> </ul>		e attorney or agent of record, the assi	ignee of the entire interest, or all of					
of the decision has expired and there are no allowed claims.  7. ☐ The reason(s) below:  LONG V. LE  SUPERVISORY PATENT EXAMINER		attorney or agent (acting in a representation	entative capacity under 37 CFR					
LONG V. LE SUPERVISORY PATENT EXAMINER			e the period for seeking court review					
LONG V. LE SUPERVISORY PATENT EXAMINER	7. The reason(s) below:							
SUPERVISORY PATENT EXAMINER		ć	Loule					
SUPERVISORY PATENT EXAMINER		1	ONG V. LE					
TECHNOLOGY CENTER 1600								
07/22/05								

Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.

U.S. Patent and Trademark Office
PTOL-1432 (Rev. 04-01)

Notice of Abandonment

Part of Paper No. 06202008